Section 2

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1 Connection Diagram of ADC Compact 5145 / 100/140/200/240

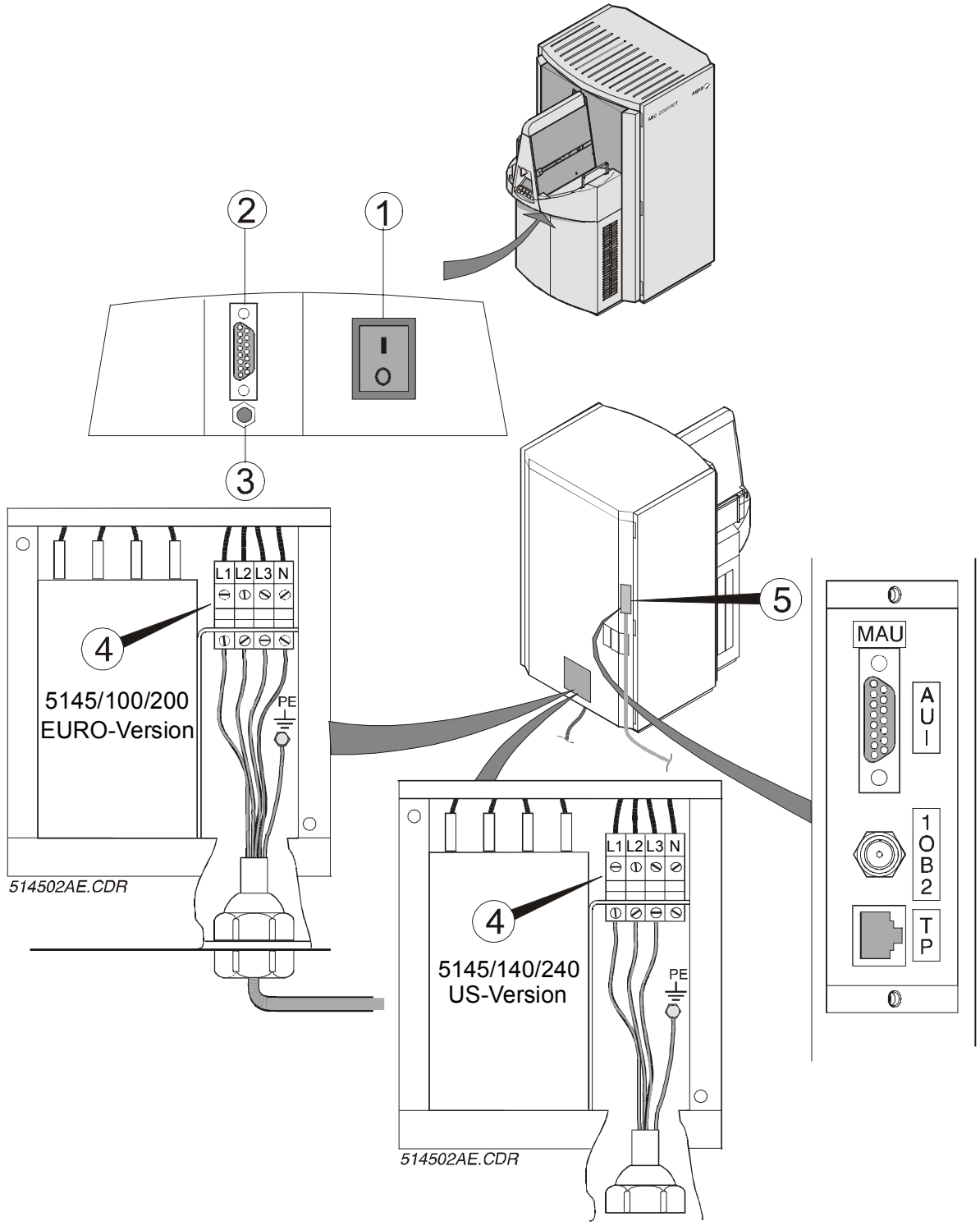


Figure 1

1 Line switch Digitizer

2 Port (RS 232-25pin-D-connector, female D) for the Service PC

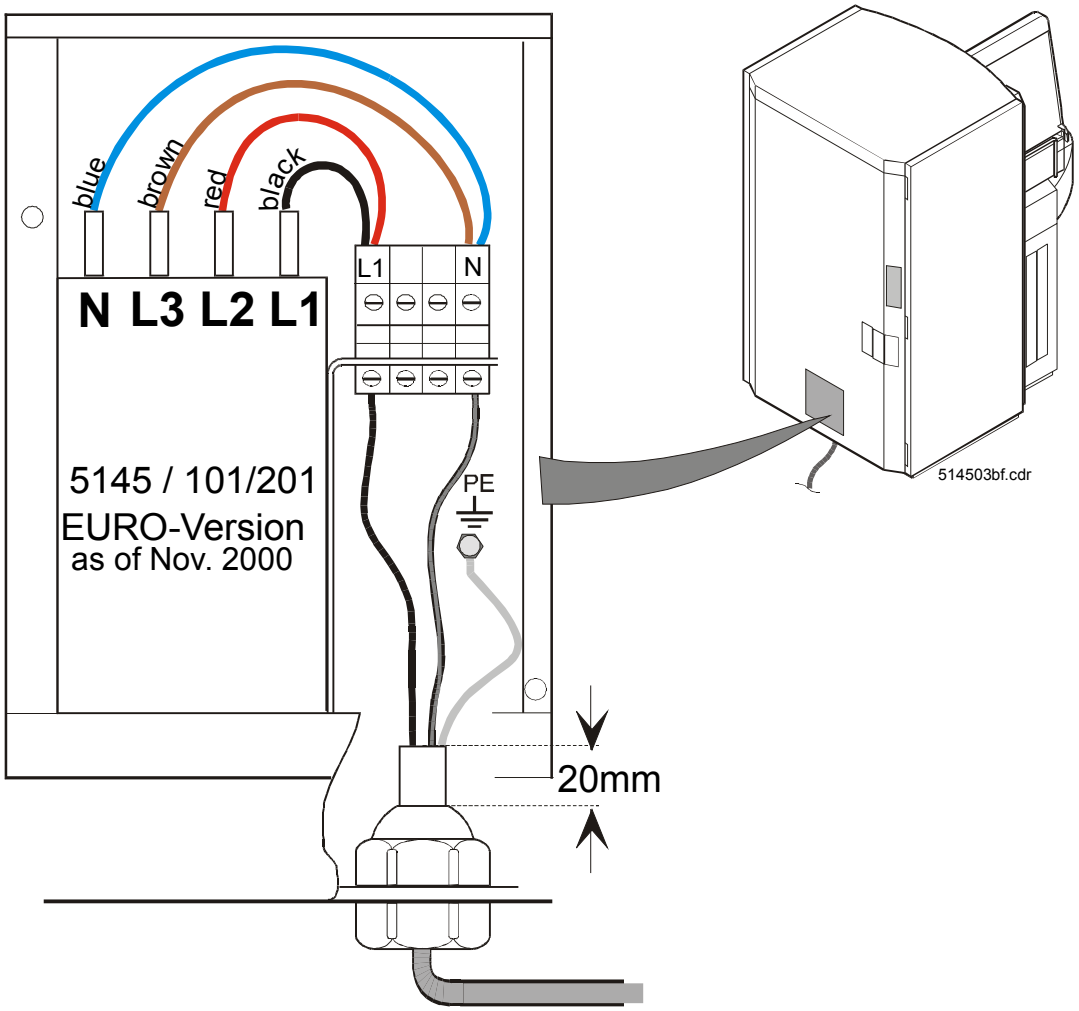
3 Reset key

4 4-pole mains terminal, protective earth (screw connection)

5 Network connection board (thin ethernet, unshielded twisted pair, AUI interface)

2 Connection Diagram of ADC Compact 5145 / 101/201

Type 5145 / 101/201 is the follow-up model of 5145 / 100/200 as of Nov. 2000.
The internal connections are factory settings; alterations are not necessary.



3 Operation Terminal Digitizer

Figure 2

3.1 Operator Level

The operator level is intended to be used by the normal operator. He uses the system only to produce diagnostic usable images without the requirement for special technical skill or background.

Key	Function	Key	Function
	• gives an image the status of emergency when sending it to the (V)DIPS.		• starts erasing images without scanning them.
	• provides access to advanced key-operator functions.		• gives access to service level functions. • exits the service level.
	• quits the current function, exits a menu without saving modifications. • exit from the key-operator mode and the service level.		• confirms the keyboarded input. • in case of some non-fatal errors, confirms that you have notice this state. • proceeds with the Digitizer operation when "LOCKED" condition has occurred.
	• moves the cursor one position up to previous edit field. • scrolls upwards or increments digits in a numeric entry field.		• moves the cursor one position down to next edit field. • scrolls downwards or decrements digits in a numeric entry field.
	• scrolls backwards through multiple choices within a field. • moves the entry position in a numerical field in descending order (from right digit to left digit) and toggles between values in a field.		• scrolls backwards through multiple choices within a field. • moves to entry position in a numerical field in ascending order (from left digit to right digit) and toggles between values within a field.

3.2 Key Operator Level

The key - operator menu gives access to a number of advanced operator functions.

- press
  - The following screen appears:

Queue management	KEY OPERATOR MENU
Digitizer set-up	————————
Date and Time	:ok
Send test image	☒ :quit
	↑↓ :select
	————————
	SERVICE XXXXX

3.2.1 Queue Management

Maximal 10 queue entries are possible, then the oldest one will be deleted.
No "Retransmit" function is implemented.

PPname1	##	QUEUE MANAGEMENT
PPname2	##	————————
PPname3	##	☑ :ok
		☒ :quit
		↑↓ :select
		————————
		SERVICE XXXXX

PP = Destination name of the Processing Station (V)DIPS.

= Number of images in the queue.

image list

operation status

Patient name	S	QUEUE MANAGEMENT
Patient name	S	————————
Patient name	S	☑ :ok
		☒ :quit
		↑↓ :select
		————————
		SERVICE XXXXX

"S" indicates the operation status of the queued image.

* Q	Queued	Waiting in the queue to be transmitted
T	Transmit	Is actually being transmitted, waiting for acknowledgement
* W	Warning	There is a problem with the destination
* E	Exception	There is a problem with the image file, cannot be transmitted!
no status displayed		successful transmission, but image still on hard disk

"*" images in the status marked with a **"*"**, can be deleted, the others not!

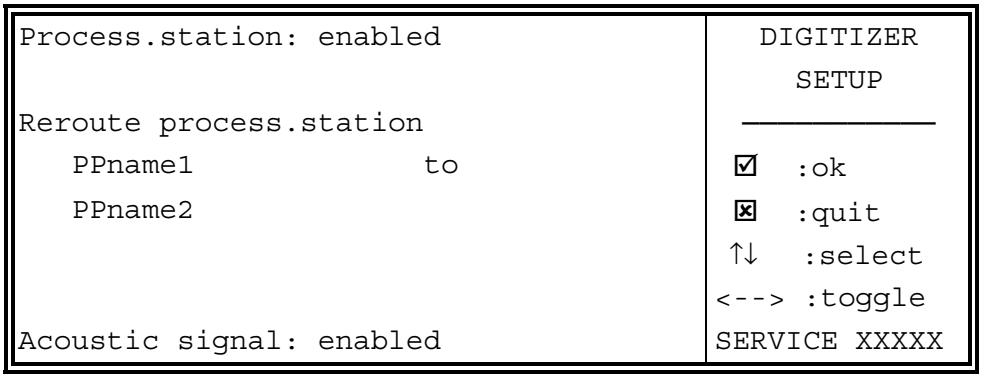
There are six possibilities of the status in an image control file:

queued:	waiting for transmission
sending:	transmission in progress
sent:	transmission completed, waiting for response
transmitted:	positive response from workstation
warning:	positive response, but file cannot be handled from workstation at the moment => new transmission
error:	faulty file, transmission cancelled

3.2.2 Digitizer Set-up

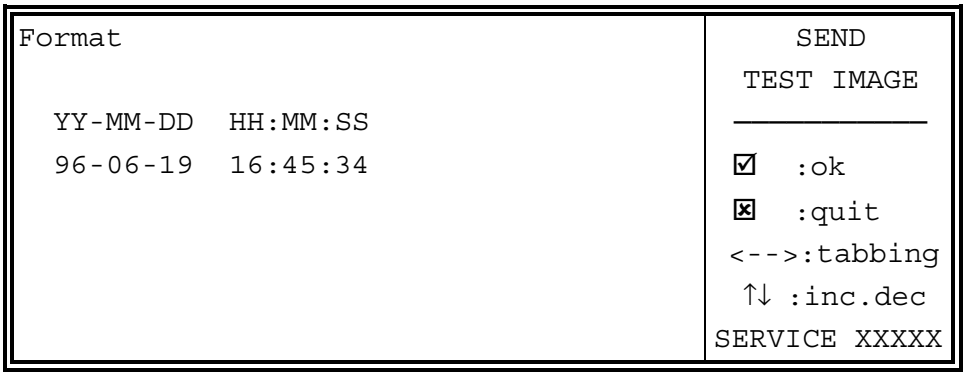
This function allows:

- to enable respectively disable the image transmission to the Processing Station.
- to reroute any of the configured Processing Stations.
- to enable respectively disable the acoustic.
- warning beeps.



3.2.3 Date and Time

This function allows to check and set the date and time of the digitizer.



3.2.4 Send Testimage

This function allows to send testimages to the Processing Station and the Preview Station.

3.3 Service Level

The SERVICE LEVEL is only intended to be used by service personnel.
Access to service level functions is protected by a password.